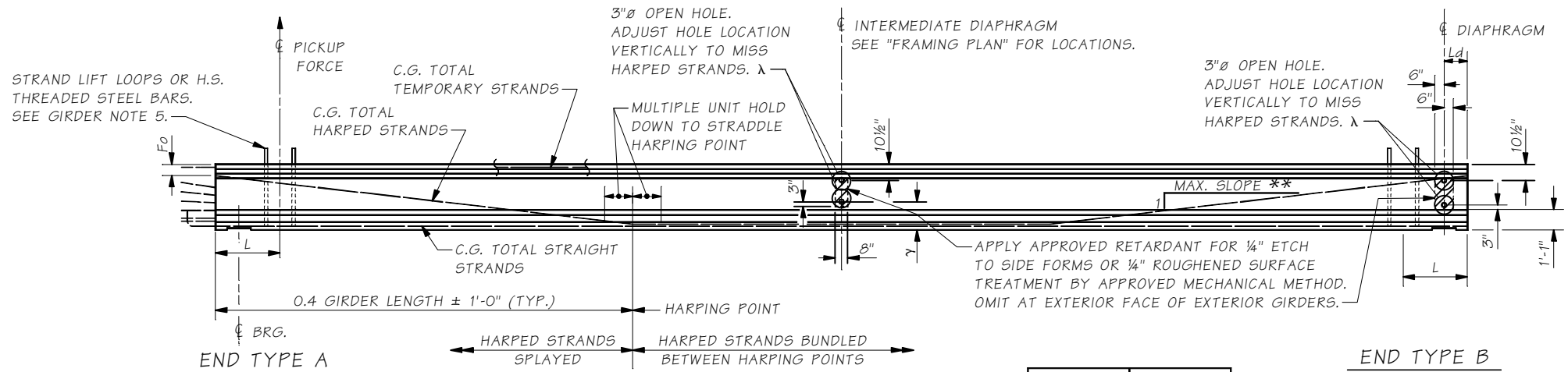


5.6-A4-3
SR
NO. FILED
TECHS
Last revised on : 7/15/2011



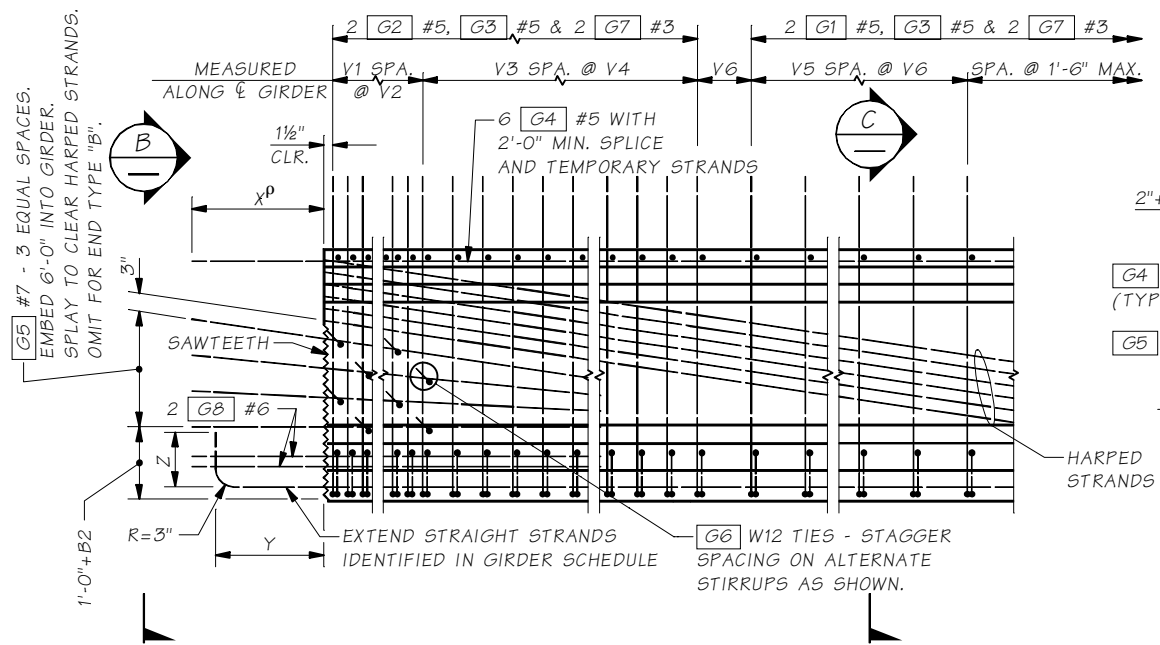
GIRDER ELEVATION

γ	γ
PARTIAL DEPTH INT. DIAPHRAGM	FULL DEPTH INT. DIAPHRAGM
1'-6"	1'-2 1/8"

END TYPE B

** 8 : 1 MAXIMUM SLOPE FOR EACH HARPED STRAND

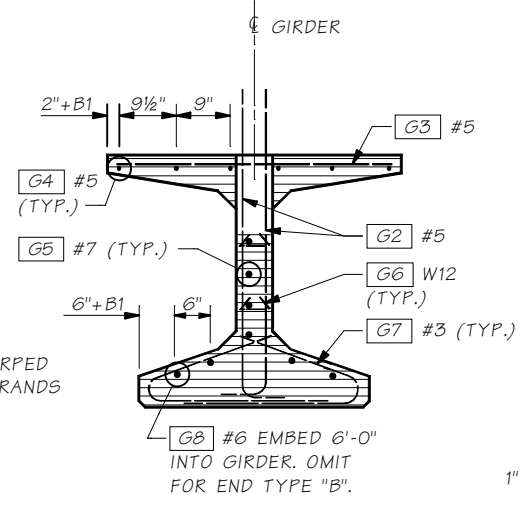
λ SEE GIRDER NOTE 9.



TYPICAL END ELEVATION

END TYPE C SHOWN, OTHER END TYPES SIMILAR.

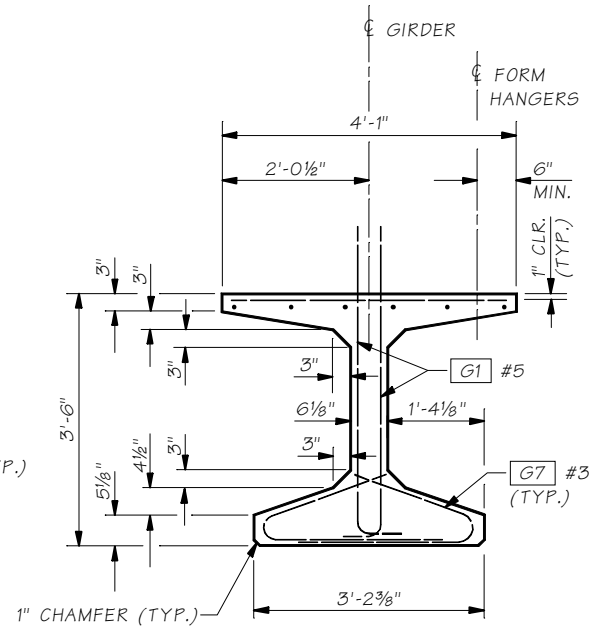
p - X DIMENSION SHALL BE 1'-4" FOR G4 AT END TYPE A ONLY.



VIEW B

SAWTEETH SHOWN BY HATCHED AREA.

STRANDS NOT SHOWN.

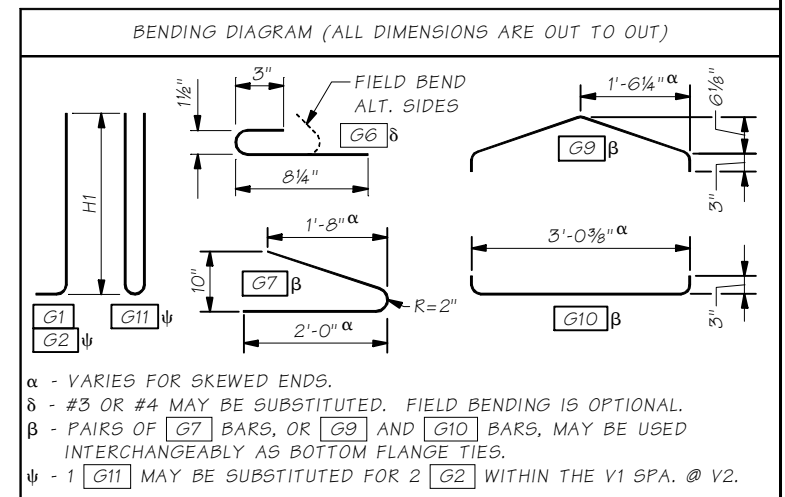


SECTION C

STRANDS NOT SHOWN.

END TYPE PROPERTIES					
END TYPE	BEARING RECESS	X	Y	Z	SAWTEETH
A	YES	1'-10"p	1'-6"	9"	YES
B	YES	0"	0"	0"	NO
C	NO	1'-10"	1'-6"	9"	YES
D	NO	1'-10"	SEE "STRAND EXTENSION DETAIL"		YES

BAR END PLACEMENT FOR END TYPE C	
ENDS AHEAD ON STATION	ENDS BACK ON STATION
G5 BARS LEFT OF CL	G5 BARS RIGHT OF CL
B1 = 0" (G4 , G8)	B1 = 1 1/2" (G4 , G8)
B2 = 0" (G5)	B2 = 3" (G5)



α - VARIES FOR SKEWED ENDS.
δ - #3 OR #4 MAY BE SUBSTITUTED. FIELD BENDING IS OPTIONAL.
β - PAIRS OF G7 BARS, OR G9 AND G10 BARS, MAY BE USED INTERCHANGEABLY AS BOTTOM FLANGE TIES.
ψ - 1 G11 MAY BE SUBSTITUTED FOR 2 G2 WITHIN THE V1 SPA. @ V2.

Bridge Design Engr.	M:\STANDARDS\Girders\WF\WF42G.man	REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor		10	WASH.			
Designed By		JOB NUMBER				
Checked By						
Detailed By						
Bridge Projects Engr.						
Prelim. Plan By						
Architect/Specialist	DATE	REVISION	BY	APP'D		

Wed Oct 17 14:15:48 2012

BRIDGE AND STRUCTURES OFFICE



STANDARD PRESTRESSED CONCRETE GIRDERS

WF42G GIRDER DETAILS 1 OF 3

BRIDGE SHEET NO.
SHEET
OF
SHEETS